Fall 2008 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including Boat Survey Erosion

Sacramento River Basin

DD0040	Overell I MAA	Tatal I NAA				
RD0010 Reclamation District No. 0010	Overall LMA Rating	Total LMA Miles				
Reciamation District No. 0010	U	21.90				
		21.00			Encroad	hments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	
Vegetation	24.02		24.02	109.68%		
Trim / Thin Trees	0.05		0.05	0.23%		
Encroachments	0.02	0.12	0.50	2.28%	0.01	
Animal Control	0.03		0.03	0.14%		
Culverts: Inlets / Outlets	0.01		0.01	0.05%		
LMA Totals:	24.13	0.12	24.61	112.37%	0.01	0.00
Unit No. 01 Simmerly Slough	Overall Unit Rating	Total Unit Miles				
	U	7.70				
	0	7.70			Encroad	hments
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	PO Miles	
Vegetation	13.12		13.12	170.39%		
Trim / Thin Trees	0.03		0.03	0.39%		
Unit Totals:	13.15	0.00	13.15	170.78%	0.00	0.00
Unit No. 02 Feather River	Overall Unit Rating	Total Unit Miles				
	U	11.20				
	U	11.20			Encroad	
Rated Item	U M Miles		M + 4U Miles	Threshold %	Encroad PO Miles	
Vegetation	U	11.20	M + 4U Miles 5.18	Threshold % 46.25%		
1 13110 3 110111	M Miles 5.18 0.01	11.20				
Vegetation	M Miles 5.18	11.20	5.18	46.25% 0.09% 4.46%		
Vegetation Trim / Thin Trees	M Miles 5.18 0.01	11.20 U Miles	5.18 0.01	46.25% 0.09% 4.46% 0.27%	PO Miles	
Vegetation Trim / Thin Trees Encroachments Animal Control Culverts: Inlets / Outlets	M Miles 5.18 0.01 0.02 0.03 0.01	11.20 U Miles	5.18 0.01 0.50 0.03 0.01	46.25% 0.09% 4.46% 0.27% 0.09%	PO Miles	
Vegetation Trim / Thin Trees Encroachments Animal Control	M Miles 5.18 0.01 0.02 0.03	11.20 U Miles	5.18 0.01 0.50 0.03	46.25% 0.09% 4.46% 0.27%	PO Miles	
Vegetation Trim / Thin Trees Encroachments Animal Control Culverts: Inlets / Outlets	M Miles 5.18 0.01 0.02 0.03 0.01	11.20 U Miles	5.18 0.01 0.50 0.03 0.01	46.25% 0.09% 4.46% 0.27% 0.09%	PO Miles 0.01	CO Miles
Vegetation Trim / Thin Trees Encroachments Animal Control Culverts: Inlets / Outlets Unit Totals:	U M Miles 5.18 0.01 0.02 0.03 0.01 5.25 Overall Unit	11.20 U Miles 0.12 0.12 Total Unit	5.18 0.01 0.50 0.03 0.01	46.25% 0.09% 4.46% 0.27% 0.09%	0.01 0.01	O.00
Vegetation Trim / Thin Trees Encroachments Animal Control Culverts: Inlets / Outlets Unit Totals: Unit No. 03 Honcut Creek	U M Miles 5.18 0.01 0.02 0.03 0.01 5.25 Overall Unit Rating U	U Miles 0.12 Total Unit Miles 3.00	5.18 0.01 0.50 0.03 0.01 5.73	46.25% 0.09% 4.46% 0.27% 0.09% 51.16%	0.01 0.01 Encroace	0.00
Vegetation Trim / Thin Trees Encroachments Animal Control Culverts: Inlets / Outlets Unit Totals: Unit No. 03 Honcut Creek Rated Item	M Miles 5.18 0.01 0.02 0.03 0.01 5.25 Overall Unit Rating U M Miles	U Miles 0.12 O.12 Total Unit Miles	5.18 0.01 0.50 0.03 0.01 5.73	46.25% 0.09% 4.46% 0.27% 0.09% 51.16%	0.01 0.01	0.00
Vegetation Trim / Thin Trees Encroachments Animal Control Culverts: Inlets / Outlets Unit Totals: Unit No. 03 Honcut Creek Rated Item Vegetation	U M Miles 5.18 0.01 0.02 0.03 0.01 5.25 Overall Unit Rating U M Miles 5.72	U Miles 0.12 Total Unit Miles 3.00	5.18 0.01 0.50 0.03 0.01 5.73 M + 4U Miles 5.72	46.25% 0.09% 4.46% 0.27% 0.09% 51.16% Threshold % 190.67%	0.01 0.01 Encroace	0.00
Vegetation Trim / Thin Trees Encroachments Animal Control Culverts: Inlets / Outlets Unit Totals: Unit No. 03 Honcut Creek	M Miles 5.18 0.01 0.02 0.03 0.01 5.25 Overall Unit Rating U M Miles	U Miles 0.12 Total Unit Miles 3.00	5.18 0.01 0.50 0.03 0.01 5.73	46.25% 0.09% 4.46% 0.27% 0.09% 51.16%	0.01 0.01 Encroace	0.00

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LMA District Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 0010

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)					
* Overall LMA Rating (Fall Only)			U						
	** Non-receipt of Su	mmer or Winter Inspe	ection Reports may effec	ct overall annual rating.					
* SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall. FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.									
Comments									

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 0010

	Bank	Unit Miles				
	Unit No. 01 Simme	erly Slough		Right	7.70	
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)		
Date of Inspection	4/30/2008		9/24/2008			
DWR Inspector	Clay Thomas		Clay Thomas			
Accompanied By						
Unit Maintenance Rating (Fall Only)			U			
Check one:						
During the current winter (or s project components identified conditions other than the resudeficiencies identified in the elements identified in the elements identified maintenance and the correctification changes in flood processing the condition of the comment section below coordinates, location (Land Signature).	in the attached Levee Ir ults of our normal mainte enclosed report. summer) inspection period in the attached Levee Ir ons we have made to maject conditions. wor on additional sheet(nance and the correction and, my staff or I have inspection Report by Mile aintenance deficiencies in the staff of the staff of the staff or I have inspection Report by Mile aintenance deficiencies in the staff of	We have found no changes we have made to maint bected the levee and assort in addition to the results dentified in the report, we addition by: Start to End Le	ges in floor tenance ociated floor of our no have four	od project od rmal nd the or GPS	
Comments						
One of the boxes above is to be chinformation must also be submitted DWR with any additional sheets by your records. Please mail all of this	d. This Unit Cover Sheet y September 30 (Summe s information to : DW 331	should be signed and da	ated by the LMA Represe 1 (Winter Inspection). Ple ction Reports om LL-30	ntative an	d returned to	

X

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0010

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 Simmerly Slough	Right	7.70	09/24/2008	Clay Thomas

							<u> </u>		_
LMR Line	Levee	Mile	Category	Item	Location *	Rating	Action/Comment	GPS Latitude/Longitude Start End	
1	0.01	1.35	Earthen Levee	Vegetation	LS M	Л	Control annual grass and weeds on the levee slopes and easements.	39.163849 ° 39.168723 ° -121.610055 ° -121.590560 °	8
2	0.02	1.35	Earthen Levee	Vegetation	WS M	Л	Control annual grass and weeds on the levee slopes and easements.	39.163851 ° 39.168723 ° -121.610055 ° -121.590559 °	9
3	0.43	0.43	Earthen Levee	Trim / Thin Trees	LS M		Thin trees to allow visibility of the ground and room to flood fight.	39.162770 ° 39.162770 ° 12 -121.602124 ° -121.602124 °	2
4	0.47	0.47	Earthen Levee	Trim / Thin Trees	WS M		Thin trees to allow visibility of the ground and room to flood fight.	39.162572 ° 39.162572 ° 11 -121.601277 ° -121.601277 °	1
5	0.63	0.63	Earthen Levee	Trim / Thin Trees	WS M		Thin trees to allow visibility of the ground and room to flood fight.	39.161718 ° 39.161718 ° 10 -121.598497 ° -121.598497 °	0
6	1.40	3.57	Earthen Levee	Vegetation	WS M		Control annual grass and weeds on the levee slopes and easements.	39.169003 ° 39.197379 ° 17 -121.589735 ° -121.582322 °	7
7	1.40	7.02	Earthen Levee	Vegetation	LS M	Л	Control annual grass and weeds on the levee slopes and easements.	39.169004 ° 39.246609 ° 16 -121.589735 ° -121.576062 °	ŝ
8	5.12	7.02	Earthen Levee	Vegetation	WS M	Л	Control annual grass and weeds on the levee slopes and easements.	39.219453 ° 39.246635 ° 15 -121.579540 ° -121.576076 °	5
9	6.08	6.08	Earthen Levee	Vegetation	WS M	Л	Remove the wild growth other than native grasses from the levee slopes.	39.233185 ° 39.233185 ° 7 -121.577838 ° -121.577838 °	7
10	7.25	7.67	Earthen Levee	Vegetation	LS M	Л	Control annual grass and weeds on the levee slopes and easements.	39.250029 ° 39.255969 ° 13 -121.575654 ° -121.574934 °	3
11	7.34	7.67	Earthen Levee	Vegetation	WS M		Control annual grass and weeds on the levee slopes and easements.	39.251302 ° 39.255970 ° 14 -121.575486 ° -121.574934 °	4

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 0010

	Bank	Unit Miles								
	Unit No. 02 Feat	her River		Left	11.20					
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)						
Date of Inspection	4/30/2008		9/24/2008							
DWR Inspector	Clay Thomas		Clay Thomas							
Accompanied By										
Unit Maintenance Rating (Fall Only)			U							
Check one:										
project components identified conditions other than the resudeficiencies identified in the elements identified in the elements identified maintenance and the correction following changes in flood professional comments are comments identified maintenance and the correction following changes in flood professional comments are comments are conditional comments.	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 									
Comments										
information must also be submitted DWR with any additional sheets by	One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Room LL-30 Sacramento, CA 95821-9000.									

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Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0010

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Feather River	Left	11.20	09/24/2008	Clay Thomas

LMR L	Levee		Category	Item	Location *	Rating	Action/Comment	GPS Latitude/Longitude	Issue
Line 1	0.01	1.08	Earthen	Vegetation	WS		Control annual grass and weeds on the levee slopes and	39.163847 ° 39.179175 °	11
			Levee				easements.	-121.610054 ° -121.609989 °	
	0.01	1.08	Earthen Levee	Vegetation	LS	М	Control annual grass and weeds on the levee slopes and easements.	39.163848 ° 39.179175 ° -121.610054 ° -121.609988 °	10
3	1.35	1.35	Earthen Levee	Encroachments	LS	РО	Landscaping	39.182957 ° 39.182957 ° -121.609800 ° -121.609800 °	9
4	2.30	2.56	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	39.196535 ° 39.200193 ° -121.608184 ° -121.609040 °	12
5	4.04	4.42	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	39.221367 ° 39.226468 ° -121.611563 ° -121.613294 °	14
6	4.04	4.78	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	39.221304 ° 39.231061 ° -121.611520 ° -121.614418 °	13
7	5.68	5.68	Earthen Levee	Trim / Thin Trees	WS	М	Thin trees to allow visibility of the ground and room to flood fight.	39.243840 ° 39.243840 ° -121.616550 ° -121.616550 °	15
8	6.27	6.27	Earthen Levee	Encroachments	LS	M	Debris	39.251905 ° 39.251905 ° -121.619202 °	7
9	6.40	6.40	Earthen Levee	Animal Control	WS	M	No rodents visible, but rodent burrows visible; need to backfill and compact or grout borrows.	39.253667 ° 39.253667 ° -121.619536 ° -121.619536 °	16
10	6.69	6.69	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	39.257212 ° 39.257212 ° -121.618281 ° -121.618281 °	17
11	7.10	7.10	Earthen Levee	Animal Control	LS	М	Exterminate rodents and backfill and compact or grout burrows.	39.262316 ° 39.262316 ° -121.614376 °	18
12	7.27	7.27	Interior Drainage & Piping Systems	Culverts: Inlets / Outlets	WS	M	Inspector Comments: remove material around gate	39.264648 ° 39.264648 ° -121.613746 ° -121.613746 °	19
13	7.60	7.60	Earthen Levee	Encroachments	LS	М	Prunings	39.268898 ° 39.268898 ° -121.611388 °	5
14	8.96	9.31	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	39.281043 ° 39.285977 ° -121.600090 ° -121.600358 °	20
15	9.38	9.69	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	39.287093 ° 39.290948 ° -121.600439 ° -121.602991 °	21
16	9.69	9.91	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	39.290947 ° 39.293115 ° -121.602988 ° -121.605947 °	22
17	10.74	11.11	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	39.300812 ° 39.305892 ° -121.617528 ° -121.617715 °	23
18	10.82	11.11	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	39.301921 ° 39.305887 ° -121.617593 ° -121.617711 °	24
19	11.12	11.24	Earthen Levee	Vegetation	WS	M	Control annual grass and weeds on the levee slopes and easements.	39.306014 ° 39.307722 ° -121.617666 ° -121.617110 °	26

LS : Land Side WS : Water Side CR : Crown

* Location

** Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0010

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Feather River	Left	11.20	09/24/2008	Clay Thomas

LMR Line	Levee	e Mile End	Category	Item	Location	Rating	Action/Comment	GPS Latitud	le/Longitude End	Photo	Issue
20	11.12	11.24	Earthen Levee	Encroachments	LS	U	Prunings	39.306011 ° -121.617664 °	39.307721 ° -121.617111 °		25

** Rating

A : Acceptable
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U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected

Unit Cover Sheet

Fall 2008 Levee Inspection Results

Reclamation District No. 0010

	Bank	Unit Miles								
	Waterwa Unit No. 03 Hond			Left	3.00					
	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)						
Date of Inspection	4/30/2008		9/24/2008							
DWR Inspector	Clay Thomas		Clay Thomas							
Accompanied By										
Unit Maintenance Rating (Fall Only)			U							
Check one:										
project components identified conditions other than the resudeficiencies identified in the e	 During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report. During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions. (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). 									
Comments										
information must also be submitted DWR with any additional sheets by	One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to: DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Room LL-30 Sacramento, CA 95821-9000.									

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Levee Inspection Report By Mile - Fall 2008

Reclamation District No. 0010

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 03 Honcut Creek	Left	3.00	09/24/2008	Clay Thomas

LMR Line	Levee Mile		Category	Item -	Locati	Rating ** Location	Action/Comment	GPS Latitude/Longitude		
	Start	End			임	9		Start	End	0 0
1	0.01	2.99	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	39.307916 ° -121.617065 °	39.298609 ° -121.570167 °	1
2	0.17	0.17	Earthen Levee	Trim / Thin Trees	WS	М	Trim trees over roadway to at least 12 feet above ground level.	39.310032 ° -121.616338 °		2
3	0.25	2.99	Earthen Levee	Vegetation	WS	М	Control annual grass and weeds on the levee slopes and easements.	39.310236 ° -121.614785 °	39.298609 ° -121.570167 °	3

** Rating

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U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected